

**ABSTRACT OF THE DISCLOSURE**

An application-specific integrated circuit and related network switch are disclosed. The integrated circuit includes switch circuitry for receiving a 802.11 wireless data frame and forwarding it to a predetermined port. Inspection circuitry is provided for inspecting attributes of the data frame. Decision circuitry is provided for instructing the switch circuitry to forward the data frame based on the attributes, both 802.3 wired and 802.11 wireless.

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